7000B Controller

iNetVu®
by C-COM Satellite Systems Inc.

TECHNICAL SPECIFICATIONS

Online with the touch of a button...

- Simple stand-alone one touch operation to find satellite and stow antenna
- Typical satellite acquisition time in less than 2 minutes
- Ideal for applications that require a quick, simple setup and reliable connection
- Internal DVB receiver provides modem independence
- Based on an embedded software solution

Features

- One touch stand-alone solution
- Front Panel Configurable
- Compatible with all iNetVu mobile platforms
- Supports DVB-S1 and DVB-S2/ACM frequencies
- Optimal, high-precision antenna pointing
- Remote access and operation via Network, Web and other Interfaces
- Built-in motion and movement protection for safety
- Supports inclined orbit satellites
- Integrated with multiple modems
- GPS signal available for external devices
- Easy to configure and operate
- Interoperable with Uplogix's remote management appliances

Integrated DVB-S2/ACM Tuner

The DVB-S2/ACM Tuner is an integrated part of all iNetVu 7000 controllers. It allows the iNetVu system the option to find the satellite with and without the use of a satellite modem. Compact and adaptable, this high performance tuner is programmable to any DVB-S or DVB-S2/ACM frequency and allows the user to pre-configure specific satellite options.

Modem Compatibility

Certain service providers require additional communications functions for the satellite modem, such as GPS location, auto coss-pol and others. The 7000 controller has been fully intergrated to provide these requirements for all compatible modems.

HughesNet
DW6000 /DW7000
HN7000
HN7000S
HN7700
HN7700S
HX50
HX100
HX 200
HX 250
HX 260

Eastar
UHP-1000

iDirect
iNFINITI 3000 Series
iNFINITI 5000 Series
iNFINITI 7000 Series
Evolution X5

Radyne
DMD20
DMD20 LBST
SkyWire MDX420

STM
SatLink 1000
SatLink 1910

Viasat
Linkstar II
Linkstar IV
Linkstar S2
Linkstar S2A

Tachyon
CI-1300
Ruggedized RMG

Paradise
Evolution Series
Quantum Series

ipstar
IPX-5100
IPX-9200

Gilat
Skyedge II
Skyedge IP

Comtech
CDM-600L
CDM-570L
CDM-625

Optional Beacon Receiver

An optional 19" rack mount iNetVu Beacon Receiver (BR300L) is available and has been integrated to work with the iNetVu Controllers. This external self contained compact unit detects the power density of the satellite beacon (930MHz - 2300MHz) and is connected to the Controller via an RS232 serial port interface.

Interfaces

GPS Antenna:	SMA Connector
RF Rx In:	Type F Connector
RF Rx Out:	Type F Connector
Sensor Input:	DB26 Connector
Motor Control:	9-Pin Circular AMP Connector
Network Interface:	RJ45 Connector
USB 2.0 (Full Speed):	USB Type B Receptacle
Serial Port:	DB9 Female Connector

Electrical

Universat AC Input	90 - 264VAC, 2.2 - 1.1A 47 - 63 Hz
Idle Power Consumption	12VDC @ 1A
Elevation Power:	12 VDC @ 12A (max.)
Azimuth Power:	12VDC @ 12A (max.)
Polarization Power:	12VDC @ 3A (max.)
LNB Power:	Disable, 13V, 14V, 18V, 19V, 20V, 21V @ 500 mA (max.)

Physical

Dimensions:	19" 1U Rack Mountable Unit
Standard	Height : 1.75" (44.5mm) Width: 17.1" (434mm) Depth : 11.0" (279mm)
Weight:	9.9 lbs. (4.5kg)

Environmental

Operating Temperature:	-20° to +50°C (-4° - 122°F)
Storage Temperature:	-40° to +60°C (-40° - 140°F)

Certification

Complies with FCC Part 15 Class B
CE Approvals for Emission & Immunity Standards

Standard warranty: 2 years

C-COM SATELLITE SYSTEMS INC.

www.c-comsat.com
(613) 745-4110 (877) 463-8886